

### **ABSTRACT OF THE DISCLOSURE**

[107] Described herein are methods for purifying a protein of interest from a mixture of proteins wherein the mixture comprises the protein of interest and a fusion analog thereof. The method begins with a recovery in which filtration is used to remove cells and concentrate the protein of interest. Liquid chromatography is then used to remove fusion analogs and other contaminants resulting in a composition substantially free of contaminants. Substantially pure compositions of the protein of interest find use in therapeutic preparations.